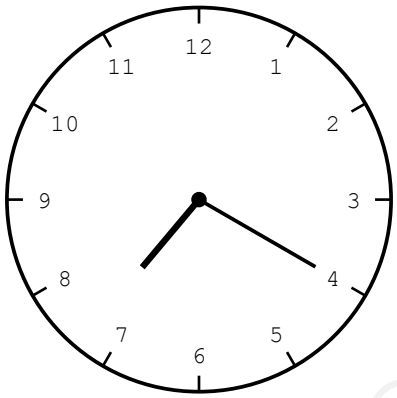
Time & Timetables: Hard Practice Paper 7

Q1. What is the angle between the hands of a clock at twenty past seven?



A. 110° *B.* 90° *C.* 100° *D.* 120° *E.* 80°

Q2. Using the timetable, which services get a traveller from Ash to Fern by 13:00?

Service	Ash	Change at Bray	Arrives Fern
1	08:40	09:50 to 10:10	11:45
2	09:15	10:25 to 10:35	12:20
3	10:05	11:15 to 11:20	13:10
4	10:50	12:00 to 12:35	14:15

A. Service 2 only

B. Service 3 only

C. Service 1 only

D. Services 1 and 2

E. Services 2 and 3

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Q3. In a leap year, how many days are there from 15 February to 15 March?

A. 28 *B.* 29 *C.* 30 *D.* 31 *E.* 27

Q4. A flight leaves New York at 21:40 local time and takes 7 hours 15 minutes. London is 5 hours ahead of New York. What is the local time in London when it lands?

A. 09:55 *B.* 04:55 *C.* 14:55 *D.* 02:25 *E.* 08:55

Q5. On 1 June the sun rises at 04:45 and sets at 21:20. How much longer is the daylight than the darkness that day?

A. 8 hours 10 minutes

B. 9 hours 10 minutes

C. 7 hours 25 minutes

D. 9 hours 20 minutes

E. 16 hours 35 minutes

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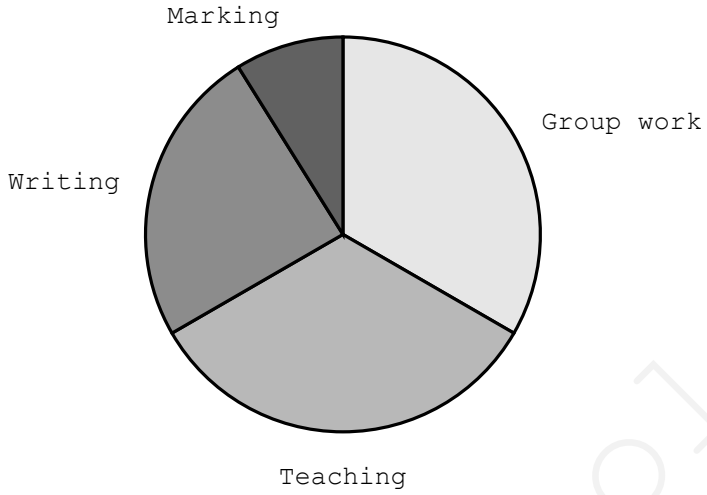
Q6. A pie chart shows how a 90 minute lesson was spent. The sector for group work is 120°. How many minutes was that?



A. 35 minutes

B. 40 minutes

C. 20 minutes

D. 45 minutes

E. 30 minutes

Q7. A concert lasts 3 hours and contains 5 performances with a 10 minute interval between each pair of them. If the performances are all the same length, how long is each one?

A. 32 minutes

B. 30 minutes

C. 26 minutes

D. 28 minutes

E. 36 minutes

Q8. Three buses leave a station together at 09:00. They then run every 10, 12 and 15 minutes. At what time do all three next leave together?

A. 10:00 *B.* 09:30 *C.* 10:30 *D.* 09:45 *E.* 11:00

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Q9. A printer prints 45 pages a minute. A job of 1,350 pages must be finished by 16:00. At what time must it start?

A. 15:45 *B.* 15:15 *C.* 15:40 *D.* 14:30 *E.* 15:30

Q10. A machine runs without stopping from 09:00 on 28 February to 15:00 on 2 March, in a year that is not a leap year. For how many hours does it run?

A. 48 hours *B.* 54 hours *C.* 30 hours *D.* 78 hours *E.* 52 hours

Q11. A film lasts 2 hours 15 minutes. Kay watches two fifths of it before falling asleep. How long did she watch?

A. 60 minutes

B. 45 minutes

C. 54 minutes

D. 50 minutes

E. 1 hour 21 minutes

Q12. Sam is paid for a working day of 7 hours 30 minutes. On Monday he worked from 08:15 to 17:20 with a 45 minute lunch break. How much overtime did he work?

A. 25 minutes

B. 35 minutes

C. 1 hour 5 minutes

D. 1 hour 35 minutes

E. 50 minutes

Q13. A digital clock shows 00:05. Which of these is the same time?

A. 10:05 am *B.* 12:05 pm *C.* 12:05 am *D.* 00:05 pm *E.* 1:05 am

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Q14. A 95 minute film is shown again and again, with 25 minutes between showings. The first begins at 11:00. How many complete showings finish before 20:00?

A. 6 *B.* 5 *C.* 3 *D.* 4 *E.* 7

Q15. A meeting is planned to run from 14:20 to 16:00, but it starts 25 minutes late and still needs its full length. At what time does it finish?

A. 16:25 *B.* 16:20 *C.* 16:45 *D.* 16:05 *E.* 17:00

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